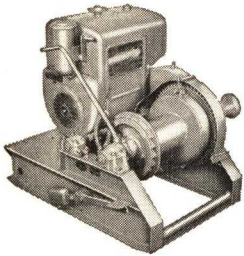


# SASGEN HOISTS

Single drum, double drum, gas or electric

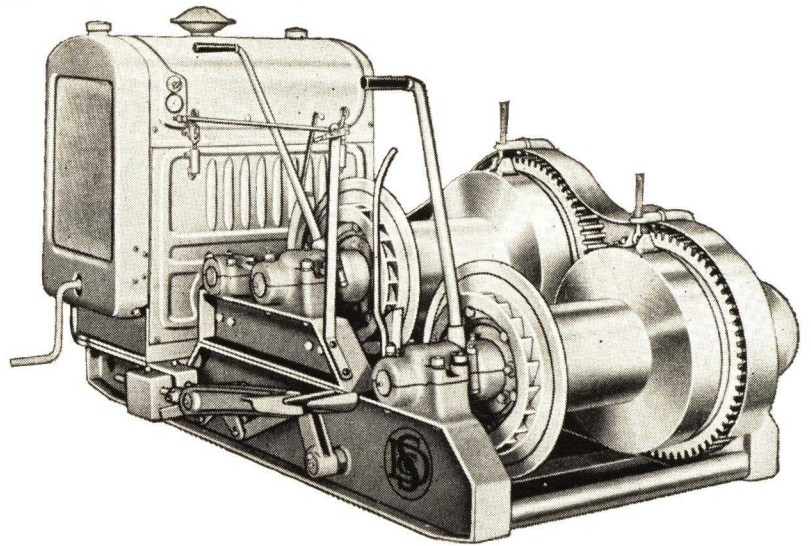
## Light, medium and heavy duty hoist



Use with either motor or engine, pulley or belt drive. Forward drum omitted if single drum is ordered. Low coefficient of friction for economical operation; precision cut gears and sprockets; bronze bushed drums with easily accessible grease fittings; oversize cone friction clutch gives operator feather touch control; brake of external band friction type, rated far in excess of hoist capacity. End thrusts equipped with Timken roller bearings.

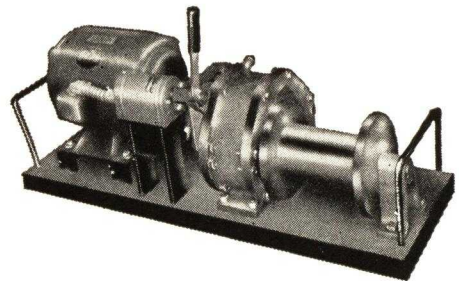
Single and double drum hoists for loads from 1,500 to 5,500 pounds, single line pull; speeds from 125 to 200 feet per minute.

Engines 8 to 47 h.p.; motors 7½ to 25 h.p. Ample drum capacity for suitable cable.



## Sasgen power pullers

Fast, powerful, economical

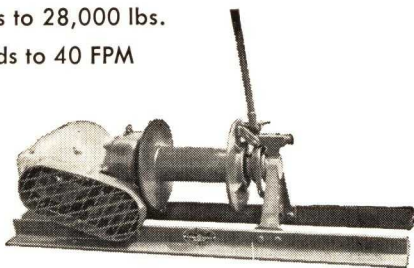


Use a Sasgen Portable Power Puller for operating drag lines, moving machinery and other heavy skid-mounted loads supplying power for cranes, booms and derricks, truck winches, feeders and conveyors, roofers' hoists, lifting materials elevators, etc. This compact light-weight unit develops exceptionally high torque and pulling power for its size. Supplied complete with all-steel base and gripper-type carrying handles—can be placed easily and quickly on any job.

## Sasgen electrically operated winches

Capacities to 28,000 lbs.

Line speeds to 40 FPM



Sasgen Electrically Operated Winches are made for long continuous duty where heavy loads must be moved quickly and efficiently. Cable drum and worm shafts are of alloy steel, heat treated, ground and polished. Clutch is sliding shrouded jaw, draft tooth type, also of alloy steel. Worm Safety Brake is automatic, oil cooled, fully adjustable on models with rated capacity above 6000 pounds. Models rated at 5000 and 6000 pounds have automatic adjustable self-energizing band type clutch. Adjustable Timken tapered roller bearings are supplied on all worms. Worm itself is shell type alloy steel, hardened and ground. Electrically operated Winches are available in a complete range of sizes from 1½ h.p. to 30 h.p. Cable capacities range from 285 feet to 900 feet.

## Electric powered model

Is reversible and operated by means of convenient lever control. A positive acting mechanical brake is applied instantly by moving lever to neutral position.

## Gas powered model

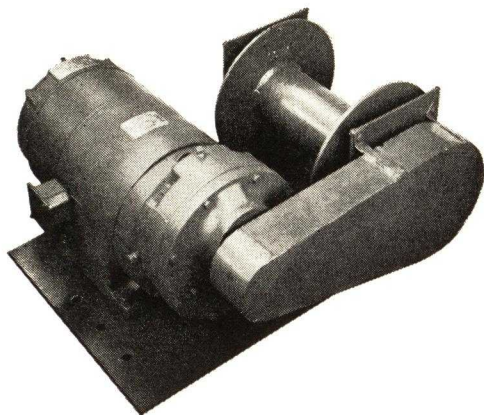
Has small heavy duty engine, operates in same manner but does not have reversing gear.

All models have double reduction spur gear reducer directly coupled to motor or engine shaft through a flexible coupling. Gears are fabricated from high tensile steel and run in continuous oil bath. Ball bearing mounted drum and pinion shaft give long, trouble-free, quiet operation.

A complete range of Power Pullers is available for any lifting or pulling job from 500 pounds to 2,000 pounds capacity. Special units offer magnetic brake, remote control, special motors, and longer drums. Standard drum accommodates 250 feet of ¼ inch wire rope.



SASGEN HOISTS (Cont'd)



Sasgen 1 1/2 h.p. electric hoist

The 1 1/2 h.p. Electric Hoist is powered by a parallel shaft gear motor equipped with a unit brake. This motor is furnished for 60 cycle, single phase, 110-220 volts; or 60 cycle, 3 phase, 220-440 volts.

Power is transmitted between the motor and drum by a double roller chain. The drum shaft turns in self aligning ball bearing units which are flange mounted to the side frames of the hoist.

Single line speed for this standard unit is available from 85 feet per minute, with a load capacity of 500 pounds, to 250 feet per minute, with a load capacity of 175 pounds. For single line speeds less than 85 feet per minute write factory for availability.

CABLE CAPACITY

3/16" cable	1900'
1/4" cable	1000'
5/16" cable	600'

Use 1/2 maximum cable capacity for best operating results.

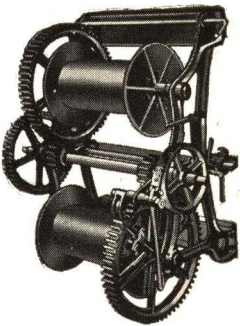
SASGEN WINCHES

Sasgen double drum double purchase winch

Gears and frame made of best malleable

Number	Diameter and length of drum, inches	Gear ratio	Capacity—lift 2 men 2 lines, pounds	Capacity—lift 2 men 4 lines, pounds	Weight
150	9 x 14	4 1/2 to 1	10,000	20,000	650
151	9 x 16		10,000	20,000	675
152	9 x 18	or	10,000	20,000	700
153	9 x 20	18 to 1	10,000	20,000	715
154	9 x 22		10,000	20,000	735

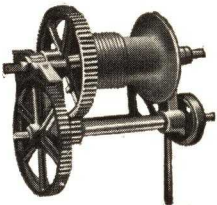
150 model



Sasgen single drum double purchase winch

Number	Diameter and length of drum, inches	Gear ratio	Capacity—lift 2 men 2 lines, pounds	Capacity—lift 2 men 4 lines, pounds	Weight
170	6 x 8	4 3/4 to 1	20,000	40,000	200
171	6 x 10		20,000	40,000	215
172	6 x 12	or	20,000	40,000	225
174	6 x 16	24 to 1	20,000	40,000	235

170 model

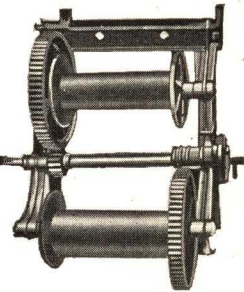


Sasgen double drum single purchase winch

Gears and frame made of best malleable

Number	Diameter and length of drum, inches	Gear ratio	Capacity—lift 2 men 2 lines, pounds	Capacity—lift 2 men 4 lines, pounds	Weight
140	5 x 14	4 1/4 to 1	3,000	6,000	375
141	5 x 16	4 1/4 to 1	3,000	6,000	390
142	5 x 18	4 1/4 to 1	3,000	6,000	400
143	7 x 14	4 1/4 to 1	3,000	6,000	410
144	7 x 16	4 1/4 to 1	3,000	6,000	420
145	7 x 18	4 1/4 to 1	3,000	6,000	430
146	7 x 20	4 1/4 to 1	3,000	6,000	440
147	7 x 22	4 1/4 to 1	3,000	6,000	452

140 model

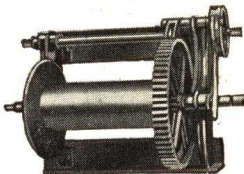


Sasgen single drum single purchase winch

Gears and frame made of best malleable

Number	Diameter and length of drum, inches	Gear ratio	Capacity—lift 2 men 2 lines, pounds	Capacity—lift 2 men 4 lines, pounds	Weight
128	5 x 10	4 1/4 to 1	3,000	6,000	200
129	5 x 12	4 1/4 to 1	3,000	6,000	210
130	5 x 14	4 1/4 to 1	3,000	6,000	222
131	5 x 16	4 1/4 to 1	3,000	6,000	229
132	5 x 18	4 1/4 to 1	3,000	6,000	235
133	7 x 14	4 1/4 to 1	3,000	6,000	239
134	7 x 16	4 1/4 to 1	3,000	6,000	246
135	7 x 18	4 1/4 to 1	3,000	6,000	253
136	7 x 20	4 1/4 to 1	3,000	6,000	260

128 model



# SASGEN WINCHES (Cont'd)

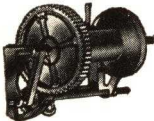


No. 112

## Sasgen small double drum single purchase winch

Gears and frame made of best malleable

Number	Diameter and length of drum, inches	Gear ratio	Capacity 2 men 2 lines, pounds	Capacity 2 men 4 lines, pounds	Shipping weight
112	4 x 8	4 to 1	4,000	8,000	135 lbs.



No. 110

## Sasgen small single drum single purchase winch

Gears and frame made of best malleable

Number	Diameter and length of drum, inches	Gear ratio	Capacity 2 men 2 lines, pounds	Capacity 2 men 4 lines, pounds	Shipping weight
108	3 1/2 x 5	3 1/2 to 1	1,750	3,500	55 lbs.
110	4 x 8	4 to 1	4,000	8,000	75 lbs.

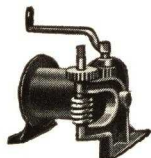


No. OW

## Sasgen safety worm gear winches

Malleable cast worm wheel and steel cut worm

Number	Diameter and length of drum, inches	Worm gear ratio	Capacity 1 man 1 line, pounds	Capacity 1 man 2 lines, pounds	Shipping weight
OW	3 1/2 x 6	16 to 1	500	1,000	35
1W	5 x 6	20 to 1	1,000	2,000	52
2W	6 5/8 x 10	30 to 1	1,500	3,000	91



No. 8W

## Sasgen safety worm gear winches

Worm gear machine cut from semi-steel alloy blanks

Worm machine cut from steel bar—thrust bearing on worm shaft

Number	Diameter and length of drum, inches	Worm gear ratio	Capacity 1 man 1 line, pounds	Capacity 1 man 2 lines, pounds	Shipping weight
8W	6 5/8 x 10	40 to 1	2,500	5,000	102 lbs.
9W	6 5/8 x 10	48 to 1	3,500	7,000	127 lbs.

## Double purchase

10W	6 5/8 x 10	48 to 1 or 87 to 1	3,500 5,000	7,000 10,000	140 lbs.
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No. 5

## Sasgen Junior single drum single purchase winch

Gears and frame made of best malleable

Number	Diameter and length of drum, inches	Gear ratio	Capacity 1 man 2 lines, pounds	Capacity 2 men 4 lines, pounds	Shipping weight
5	4 1/2 x 10	3 1/2 to 1	1,500	3,000	76 lbs.
6	4 1/2 x 12		1,500	3,000	80 lbs.



No. 2T

## Sasgen all steel 2 ton hoist

Number	Diameter and length of drum	Gear ratio	Capacity 2 men 1 line, pounds	Capacity 2 men 2 lines, pounds	Shipping weight
2-T	4 x 7 1/2	3.6 to 1 12.96 to 1	4,000	8,000	100 lbs.



No. 3

## Sasgen small winch, not geared

Made of best malleable

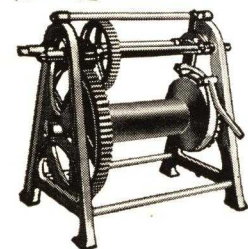
Number	Diameter and length of drum, inches	Not geared	Capacity 2 men 1 line, pounds	Capacity 2 men 2 lines, pounds	Shipping weight
3	3 1/2 x 7		750	1,500	40 lbs.



No. 00

## Sasgen small puller

Number	Diameter and length of drum, inches	Not geared	Capacity 1 man 1 line, pounds	Capacity 1 man 2 lines, pounds	Shipping weight
00	3 x 6		300 to 400	600 to 800	14 lbs.

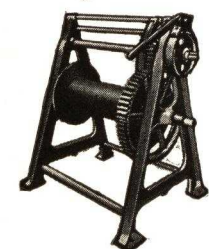


No. 220

## Sasgen double purchase hoisting crab

Gears and frame made of best malleable

Number	Diameter and length of drum, inches	Gear ratio	Lift 2 men 2 lines, pounds	Lift 2 men 4 lines, pounds	Shipping weight
220	7 x 16		8,000	16,000	460 lbs.
221	7 x 18	6 to 1	8,000	16,000	470 lbs.
222	7 x 20	or	8,000	16,000	478 lbs.
223	7 x 22	19 to 1	8,000	16,000	485 lbs.
227	7 x 24		8,000	16,000	492 lbs.



No. 120

## Sasgen single purchase hoisting crab

Gears and frame made of best malleable

Number	Diameter and length of drum, inches	Gear ratio	Lift 2 men 2 lines, pounds	Lift 2 men 4 lines, pounds	Shipping weight
120	5 x 16		3,000	6,000	245 lbs.
121	5 x 18		3,000	6,000	250 lbs.
122	5 x 20		3,000	6,000	255 lbs.
123	5 x 22		3,000	6,000	263 lbs.
124	7 x 16	4 1/4 to 1	3,000	6,000	265 lbs.
125	7 x 18		3,000	6,000	269 lbs.
126	7 x 20		3,000	6,000	274 lbs.
127	7 x 22		3,000	6,000	280 lbs.